



## **National Park Centennial Challenge Projects and Programs Approved for Fiscal Year 2008**

### **ALASKA**

**Park:** Wrangell- St. Elias National Park and Preserve  
**Title:** Replace Kennecott Power Generation with Battery/Propane Hybrid  
**Partner:** Propane Education and Resource Council  
**Total Cost:** \$250,000  
**Commitment:** Partner pledge of 50%  
**Description:** This project will remove constantly running diesel generators and replace them with battery/propane hybrid generators that increase efficiency and decrease maintenance. Environmentally sustainable electrical production will result in no potential for soil contamination, 50% less noise, greater opportunity for interpretation, and more efficient operations.  
**Centennial Goal:** Environmental Leadership

### **ARIZONA**

**Park:** Petrified Forest National Park  
**Title:** Create and Publish Junior Ranger Booklets and Patches  
**Partner:** Petrified Forest Museum Association  
**Total Cost:** \$15,000  
**Commitment:** Partner pledge of 50%  
**Description:** The Junior Ranger program will be expanded to a year- round basis and will include a free Junior Ranger patch for each participant. The program will offer further education opportunities to children to learn about the park resources.  
**Centennial Goal:** Education

**Park:** Petrified Forest National Park  
**Title:** Inventory Historic Cultural Resources Parkwide for Visitor Enjoyment  
**Partner:** Petrified Forest Museum Association  
**Total Cost:** \$20,003  
**Commitment:** Partner pledge of 50%  
**Description:** This project will document post- European settlement archeological sites including those associated with Navajo settlement patterns, Spanish sheep herding, fossil discoveries globally significant to the history of science, and early transportation routes. Inventory forms will be completed, a summary of the findings will be prepared, and maps as well as a Geographic Information System layer will be finalized. This project will provide the park with information that will be used for interpretive waysides, brochures, and programs to enhance the visitor experience. Resources will be assessed for eligibility for the National Register of Historic Places.  
**Centennial Goal:** Stewardship

## ARKANSAS

**Park:** Buffalo National River  
**Title:** Reintroduce Trumpeter Swans and Provide Wetland Habitat Learning Experiences for Visitors  
**Partner:** Arkansas Game and Fish Commission  
**Total Cost:** \$4,000  
**Commitment:** Partner pledge of 50%  
**Description:** By 1932 only sixty- nine trumpeter swans were known to exist in the lower 48 states, decimated by over hunting. To restore trumpeter swan populations, conservationists began feeding them. Because the swans were provided a reliable food source, they stopped migrating to Southern states (where they historically wintered), and they lost the memory imprints needed to navigate the migration route. This project will restore the swans' navigational imprints and, therefore, their migration ability. The Trumpeter Swan Society, Arkansas Game and Fish Commission, and NPS employees and volunteers will use a process called "reverse migration imprinting." Twenty wild swans from Iowa will be relocated and released on the Boxley Mill Pond at Buffalo National River. These relocated swans will adopt the Boxley Mill Pond as their wintering site and will migrate there from Iowa. In subsequent years, the swans should return, followed by their offspring. Restoring this natural migration patterns benefits wetland ecosystems and visitors who enjoy the sights and sounds of the largest migratory bird in North America.

Centennial Goal: Stewardship

**Park:** Buffalo National River  
**Title:** Restore Endangered Mussels to Enhance Water Quality and Visitor Recreation  
**Partner:** Arkansas State Highway and Transportation Department  
**Total Cost:** \$86,000  
**Commitment:** Partner pledge of 50%  
**Description:** By systematically reintroducing extirpated and declining native mussels, populations can be recovered. The population growth will enhance water quality because an adult mussel filters 6 to 8 gallons of water per day. In turn, enhanced water quality will improve fish populations, such as smallmouth bass and channel catfish, which are highly prized by anglers.

Centennial Goal: Stewardship

**Park:** Hot Springs National Park  
**Title:** Install Utility Connections at Ten Campsites  
**Partner:** Friends of the Fordyce/Hot Springs National Park Inc.  
**Total Cost:** \$29,991  
**Commitment:** Partner pledge of 50%  
**Description:** Park will install underground electrical, water and sewer service to campsites to improve visitor experience and convenience.

Centennial Goal: Recreational Experience

## CALIFORNIA

**Park:** Channel Islands National Park  
**Title:** BioBlitz! Create Environmental Stewardship Through Discovery (National ATBI)  
**Partner:** The Nature Conservancy  
**Total Cost:** \$40,000  
**Commitment:** Partner pledge of 50%  
**Description:** BioBlitzes or All- Taxa Biodiversity Inventories (ATBI) engage the public by inviting citizens and scientists to the parks to explore and perform systematic scientific surveys of all living things. The Natural Resource Stewardship and Science program will coordinate this multi- park project, which will engage the public in the excitement of a representative and scientifically credible tool to measure and compare the biodiversity throughout the National Park System.

Centennial Goal: Stewardship

**Park:** Death Valley National Park (California and Nevada)  
**Title:** BioBlitz! Create Environmental Stewardship Through Discovery (National ATBI)  
**Partner:** Death Valley Association  
**Total Cost:** \$20,000  
**Commitment:** Partner pledge of 50%  
**Description:** BioBlitzes or All- Taxa Biodiversity Inventories (ATBI) engage the public by inviting citizens and scientists to the parks to explore and perform systematic scientific surveys of all living things. The Natural Resource Stewardship and Science program will coordinate this multi- park project, which will engage the public in the excitement of a representative and scientifically credible tool to measure and compare the biodiversity throughout the National Park System.

Centennial Goal: Stewardship

**Park:** Golden Gate National Recreation Area  
**Title:** Create the *Institute at the Golden Gate* to Advance Preservation and Global Sustainability  
**Partner:** Golden Gate National Parks Conservancy  
**Total Cost:** \$200,000  
**Commitment:** Partner pledge of 50%  
**Description:** The mission of the *Institute at the Golden Gate* is to advance preservation and global sustainability through enduring partnerships, engaging dialogue, innovative problem- solving, cross- sector collaboration, and action to create change. The Institute is a new program co- located with the LEED- certified retreat and conference center being created at historic Fort Baker. Funding will be used to attract and organize signature programs aimed at the NPS, other public land managers, and environmental leaders, and to develop a signature meeting model. It is a partnership program between the park, Golden Gate National Parks Conservancy, and the NPS Conservation Studies Institute.

Centennial Goal: Professional Excellence

**Park:** Golden Gate National Recreation Area  
**Title:** Centennial Parks to People: Connect Diverse Communities, Schools & Media  
**Partner:** Golden Gate National Parks Conservancy  
**Total Cost:** \$1,000,000  
**Commitment:** Partner pledge of 50%

**Description:** Through a partnership between the park and the Golden Gate National Parks Conservancy, this program will benefit young people and families. Key elements to be supported by the initiative are: bringing park programs into diverse communities called “Parks to People Ambassador Corps”; funding for bus and van transportation to park programs and activities for schools and grass- roots organizations in low- income communities; camp scholarships; family days; an enhanced Junior Ranger program; high school and college interns for the park; and the development of a marketing strategy for youth audiences and underserved communities that includes translations of major park publications into multiple languages and media targeted to these under-represented audiences.

**Centennial Goal:** Education

**Park:** Lava Beds National Monument  
**Title:** Conduct Tulelake Basin Video and Oral History Interviews  
**Partner:** Lava Beds Natural History Association  
**Total Cost:** \$16,000  
**Commitment:** Partner pledge of 50%  
**Description:** An ethnography study will be conducted by local citizens, including capturing video and oral histories, to preserve experiences of the Modoc Indian War, traditional Modoc culture, homesteading, early cave exploration, war on the home front, German and Italian prisoners of war, and life associated with the Japanese- American Segregation camp in Newell, California.

**Centennial Goal:** Stewardship

**Park:** Manzanar National Historic Site  
**Title:** Replant Historic Vegetation at Manzanar Auditorium  
**Partner:** Friends of Manzanar  
**Total Cost:** \$15,000  
**Commitment:** Partner pledge of 50%  
**Description:** This project will improve the condition of the cultural landscape and enhance the park’s ability to convey the story of Japanese American internment and the internees’ efforts to create a livable place by acquiring and planting vegetation.

**Centennial Goal:** Stewardship

**Park:** Point Reyes National Seashore  
**Title:** Enhance Recreational Trail to Coastal Scenic Area  
**Partner:** Point Reyes National Seashore Association  
**Total Cost:** \$100,000  
**Commitment:** Partner pledge of 50%  
**Description:** The project will improve the trail and extend access to the Abbotts Lagoon and North Beach areas. The improvements will reduce trail impacts to the surrounding wetland and endangered the native Sonoma shortawn foxtail plant habitat; steep sections will be rerouted to accommodate better visitor access and reduce the potential for erosion.

**Centennial Goal:** Recreational Experience

**Park:** Point Reyes National Seashore  
**Title:** Conduct Tomales Bay All Taxa Biodiversity Inventory (National ATBI)  
**Partner:** Tomales Bay Partnership  
**Total Cost:** \$120,000

**Commitment:** Partner pledge of 50%  
**Description:** BioBlitzes or All- Taxa Biodiversity Inventories (ATBI) engage the public by inviting citizens and scientists to the parks to explore and perform systematic scientific surveys of all living things. The Natural Resource Stewardship and Science program will coordinate this multi- park project, which will engage the public in the excitement of a representative and scientifically credible tool to measure and compare the biodiversity throughout the National Park System.

**Centennial Goal:** Stewardship

**Park:** Point Reyes National Seashore  
**Title:** Communicate Ocean Threats and Protection Opportunities  
**Partner:** Point Reyes National Seashore Association  
**Total Cost:** \$180,000  
**Commitment:** Partner pledge of 50%  
**Description:** The project will communicate to a broad group of stakeholders the threats facing our ocean heritage, fisheries, and marine biodiversity. This communication effort will be accomplished through educational newsletters, an ongoing lecture series, and three interpretive displays available to take to schools, universities, and public buildings.

**Centennial Goal:** Education

**Park:** Redwood National Park  
**Title:** Restore Ancient Redwood Forest and Watershed  
**Partner:** Pacific Coast Fish, Wildlife, and Wetlands Restoration Association; California Department of Parks and Recreation; Save- the- Redwoods League; Smith River Alliance; State Coastal Conservancy; Wildlife Conservation Board  
**Total Cost:** \$3,000,000  
**Commitment:** Partner pledge of 50%  
**Description:** Funding will be used to stabilize 35 miles of abandoned logging roads, remove all road fill material from 90 stream crossings, and stabilize road fill from 40 log landings. This project will educate and involve visitors and businesses, protect stream and riparian habitats, and ensure old- growth forest characteristics by applying ecologically- based forest restoration prescriptions to impaired second growth forests.

**Centennial Goal:** Stewardship

**Park:** Santa Monica Mountains National Recreation Area  
**Title:** Provide Outdoor Education Programs for 10,000 Urban Youth  
**Partner:** Los Angeles Unified School District  
**Total Cost:** \$53,000  
**Commitment:** Partner pledge of 60%  
**Description:** Provide services, supplies, materials and transportation for 10,000 students from schools in under- served communities in Greater Los Angeles so they can participate in one or more of the park's five curriculum- based programs. Students will interact with park rangers in exploring a variety of places, people, and events that are represented in our national park system. The exploration is "hands on" and will foster deep, emotional, and intellectual connections to bring the national parks to the classroom.

**Centennial Goal:** Education

**Park:** Santa Monica Mountains National Recreation Area  
**Title:** Conserve Mountain Lions in the Santa Monica Mountains  
**Partner:** Santa Monica Mountains Fund  
**Total Cost:** \$120,000  
**Commitment:** Partner pledge of 50%  
**Description:** This project will determine how mountain lions survive in the Santa Monica Mountains by evaluating their distribution, movement patterns and behavior. Information from this project will promote mountain lion conservation in the mountains and similar urban interface areas.  
**Centennial Goal:** Stewardship

**Park:** Santa Monica Mountains National Recreation Area  
**Title:** Provide Education and Stewardship Experience for Urban Youth through Watershed Restoration Activity  
**Partner:** California Coastal Conservancy  
**Total Cost:** \$173,398  
**Commitment:** Partner pledge of 65%  
**Description:** This project will restore 2.5 acres of a degraded coastal watershed in Zuma Canyon with the assistance of students from inner- city high schools and special needs schools in Los Angeles. Approximately 5,200 students will participate in 104 field programs to remove invasive, non- native vegetation and restore native chaparral and riparian vegetation. NPS staff will lead the field programs, which are designed to meet State of California curriculum requirements for science, math, and social studies. Students will also gain service learning credit.  
**Centennial Goal:** Education

**Park:** Santa Monica Mountains National Recreation Area  
**Title:** BioBlitz! Create Environmental Stewardship Through Discovery (National ATBI)  
**Partner:** National Geographic  
**Total Cost:** \$400,000  
**Commitment:** Partner pledge of 50%  
**Description:** BioBlitzes or All- Taxa Biodiversity Inventories (ATBI) engage the public by inviting citizens and scientists to the parks to explore and perform systematic scientific surveys of all living things. The Natural Resource Stewardship and Science program will coordinate this multi- park project, which will engage the public in the excitement of a representative and scientifically credible tool to measure and compare the biodiversity throughout the National Park System.  
**Centennial Goal:** Stewardship

**Park:** Sequoia and Kings Canyon National Parks  
**Title:** "Rangers in the Classroom," a Diverse Student Education Outreach Program  
**Partner:** Sequoia Parks Foundation  
**Total Cost:** \$100,000  
**Commitment:** Partner pledge of 50%  
**Description:** Funds will be used to staff and acquire supplies and materials needed to implement "Rangers in the Classroom", an outreach education program designed to reach under- served elementary, high school, and college students and to introduce them to national parks.  
**Centennial Goal:** Education

**Park:** Yosemite National Park  
**Title:** Discovering New Species in Yosemite (National ATBI)  
**Partner:** The Yosemite Fund  
**Total Cost:** \$200,000  
**Commitment:** Partner pledge of 50%  
**Description:** BioBlitzes or All- Taxa Biodiversity Inventories (ATBI) engage the public by inviting citizens and scientists to the parks to explore and perform systematic scientific surveys of all living things. The Natural Resource Stewardship and Science program will coordinate this multi- park project, which will engage the public in the excitement of a representative and scientifically credible tool to measure and compare the biodiversity throughout the National Park System.  
**Centennial Goal:** Stewardship

**Park:** Yosemite National Park  
**Title:** Establish a Junior Ranger Center and Program at Happy Isles  
**Partner:** The Yosemite Fund  
**Total Cost:** \$268,126  
**Commitment:** Partner pledge of 50%  
**Description:** Happy Isles Nature Center will become the Happy Isles Junior Ranger Center. This project will upgrade exhibits, provide expanded curriculum for Junior Ranger programs, and recruit a new cadre of volunteers.  
**Centennial Goal:** Stewardship

**Park:** Yosemite National Park  
(also involves Olympic National Park, Golden Gate National Recreation Area)  
**Title:** Connect Underserved Youth to Parks and Evaluate Success  
**Partner:** Yosemite National Institutes  
**Total Cost:** \$1,500,000  
**Commitment:** Partner pledge of 50%  
**Description:** This project will bring to the parks culturally diverse, low- income students for wilderness expeditions and hands- on science and environmental education activities in park settings. Evaluations of the project success will be conducted for the three participating parks: Yosemite National Park, Golden Gate National Recreation Area, and Olympic National Park.  
**Centennial Goal:** Education

**Park:** Yosemite National Park  
**Title:** Rehabilitate Yosemite's Iconic Tunnel View Overlook  
**Partner:** The Yosemite Fund  
**Total Cost:** \$3,008,000  
**Commitment:** Partner pledge of 56%  
**Description:** This project will rehabilitate the historic rock work and restore the historic view of Tunnel View Overlook. It will also reduce safety hazards through better separation of pedestrians and vehicles and reducing vehicle speed in the area. In addition, the parking area and viewing platform will be made wheelchair accessible.  
**Centennial Goal:** Stewardship

## COLORADO

**Park:** Bent's Old Fort National Historic Site  
**Title:** Create "Trading Territory" Interpretive Trail  
**Partner:** Colorado Preservation, Inc.  
**Total Cost:** \$71,733  
**Commitment:** Partner pledge of 51%  
**Description:** A 1.75 mile native soil/crushed rock hiking trail loop with seven waysides will be completed to interpret the natural environment of the historic site and its relationship to the human history of the area.  
**Centennial Goal:** Recreational Experience

**Park:** Colorado National Monument  
**Title:** Expand Junior Ranger Program to Include Explorer Camp for Underserved Youth  
**Partner:** Colorado National Monument Association  
**Total Cost:** \$13,360  
**Commitment:** Partner pledge of 50%  
**Description:** Community outreach to 240 under- served youth, ages 9- 11, through a 10- week Junior Ranger Explorer program that meets the educational and interpretive mission of the NPS.  
**Centennial Goal:** Education

**Park:** Mesa Verde National Park  
**Title:** Digitally Capture Park Sites Before They Deteriorate  
**Partner:** One Planet Education Network  
**Total Cost:** \$10,000  
**Commitment:** Partner pledge of 50%  
**Description:** Establish the Mesa Verde Conservation Technology Center to digitally capture the park's heritage sites before they succumb to deterioration by time and natural elements. Training opportunities will be offered to other agencies and academic institutions at the center.  
**Centennial Goal:** Education

**Park:** Mesa Verde National Park  
**Title:** Archeological Demographics Study of the Mesa Verde Village  
**Partner:** Crow Canyon Archaeological Center  
**Total Cost:** \$50,000  
**Commitment:** Partner pledge of 50%  
**Description:** Develop a model for population dynamics in the Mesa Verde region to analyze the long- term interaction between the Ancestral Pueblo and their environment. Archeologists will organize archeological site data and tree- ring dates to create databases for the Village Project simulations and implement fieldwork (survey, database updates, and reports) to fill in gaps in the park's archeological record.  
**Centennial Goal:** Stewardship

**Park:** Mesa Verde National Park  
**Title:** Crisis of Care: Assess, Document, and Preserve Mesa Verde's Cliff Dwellings for Future Generations  
**Partner:** Colorado State Historical Fund and the Student Conservation Association  
**Total Cost:** \$418,258



**Commitment:** Partner pledge of 50%  
**Description:** The Archeological Site Conservation Program will evaluate the condition of all 600 cliff dwelling sites to create baseline data to inform resource management.  
**Centennial Goal:** Stewardship

**Park:** Rocky Mountain National Park  
**Title:** Create Youth Education Opportunities  
**Partner:** Rocky Mountain Nature Association  
**Total Cost:** \$225,000  
**Commitment:** Partner pledge of 50%  
**Description:** Improve and expand youth education opportunities by printing two new booklets of the park's Junior Ranger program, offering education/interpretive internships, conducting environmental education programs to reach an additional 2000 students annually, and engaging youth in park based stewardship projects and educational activities.  
**Centennial Goal:** Education

## CONNECTICUT

**Park:** Weir Farm National Historic Site  
**Title:** Rehabilitate Weir Farm Caretaker's Garage into Artist- in- Residence Studio  
**Partner:** Weir Farm Art Center  
**Total Cost:** \$399,000  
**Commitment:** Partner pledge of 65%  
**Description:** Rehabilitate the existing caretaker's garage and add to the existing footprint of the former barn on the south side of the garage. The new structure will be the artist studio for the artist- in- residence program.  
**Centennial Goal:** Stewardship

## DISTRICT OF COLUMBIA

**Park:** National Capital Parks – East  
**Title:** Expand “Bridging the Watershed” Education Program to Underserved High Schools in District of Columbia, Maryland, Virginia and West Virginia  
**Partner:** Alice Ferguson Foundation  
**Total Cost:** \$400,000  
**Commitment:** Partner pledge of 50%  
**Description:** Conduct teacher/ranger workshops, purchase supplies and materials, hire educators, and provide transportation services to expand the successful “Bridging the Watershed” education program into under- served DC, MD, VA, and WV high schools.  
**Centennial Goal:** Education

**Park:** National Mall & Memorial Parks  
**Title:** 21<sup>st</sup> Century Visitor Information Project - Implement Comprehensive Park Signage and Wayfinding  
**Partner:** The Trust for the National Mall  
**Total Cost:** \$2,200,000  
**Commitment:** Partner pledge of 50%

**Description:** The park will produce and install additional and replacement signs for entrance, vehicle, wayfinding and interpretive after conducting an inventory and condition assessment of existing signage and waysides within the National Mall & Memorial Parks, including the downtown parks.

**Centennial Goal:** Professional Excellence

**Park:** Rock Creek Park

**Title:** Construct Wisconsin Avenue Plaza at Georgetown Waterfront Park

**Partner:** Friends of Georgetown Waterfront Park

**Total Cost:** \$9,000,000

**Commitment:** Partner pledge of 50%

**Description:** The project will transform a former parking lot, transferred from DC to the NPS for park purposes, into an active and welcoming landscaped park containing water features and trails connecting the Capital Crescent Trail to the Rock Creek Trail and the National Mall. The completion of this project will finish the largest new park in DC since 1976.

**Centennial Goal:** Recreational Experience

## FLORIDA

**Park:** Biscayne National Park

**Title:** Coral Reef Rejuvenation: A Community Program

**Partner:** University of Miami and the South Florida National Parks Trust

**Total Cost:** \$110,000

**Commitment:** Partner pledge of 50%

**Description:** Coral fragments from boat collisions normally left as unsalvageable will be brought into controlled environments until they grow to a size that will survive the rigors of the natural environment and will be used to restore coral reefs.

**Centennial Goal:** Stewardship

**Park:** Biscayne National Park

**Title:** Biscayne's Birds: Baseline Monitoring and Training Local Youth

**Partner:** Florida Fish and Wildlife Conservation Commission

**Total Cost:** \$30,000

**Commitment:** Partner pledge of 50%

**Description:** Young volunteers will be trained in a mangrove bird monitoring program. This program will increase the park's ability to manage and conserve a unique ecosystem and to inform and engage visitors.

**Centennial Goal:** Education

**Park:** Everglades National Park

**Title:** Restore Disturbed Lands

**Partner:** National Park Foundation

**Total Cost:** \$5,484,588

**Commitment:** Partner pledge of 55%

**Description:** Restore disturbed lands by improving wetland habitat and removing substantial areas of exotic vegetation.

**Centennial Goal:** Stewardship

**Park:** Everglades National Park  
 Big Cypress National Preserve  
 Dry Tortugas National Park  
 Biscayne National Park

**Title:** Create Future Park Stewards Through Education

**Partner:** South Florida National Parks Trust, Everglades Association, Friends of Big Cypress

**Total Cost:** \$346,780

**Commitment:** Partner pledge of 50%

**Description:** The South Florida national parks will expand their ecosystem and curriculum-based education programs at no cost to under-served students by hiring staff, transporting students to the parks, and purchasing supplies to allow 50,000 local children to connect with their national parks.

**Centennial Goal:** Education

  

**Park:** Timucuan Ecological and Historic Preserve

**Title:** Repair and Rehabilitate the Cedar Point Boat Ramp

**Partner:** City of Jacksonville

**Total Cost:** \$540,000

**Commitment:** Partner pledge of 50%

**Description:** Rehabilitate the Cedar Point Boat Ramp by removing the existing ramp and reconstruct it to include bollards to protect the marsh wetlands and an adjacent archeological site.

**Centennial Goal:** Recreational Experience

## GEORGIA

**Park:** Kennesaw Mountain National Battlefield Park

**Title:** Construct Noonday Creek Bicycle/Pedestrian Trail

**Partner:** Cobb County, GA

**Total Cost:** \$1,200,000

**Commitment:** Partner pledge of 50%

**Description:** Construct a hard-surfaced, multi-use accessible bicycle/pedestrian trail. At the park boundary, the trail will connect the park to an adjacent residential area trail system.

**Centennial Goal:** Recreational Experience

## HAWAII

**Park:** Haleakala National Park

**Title:** Control Invasive Plants and Restore Rare and Endangered Species

**Partner:** Maui Invasive Species Committee

**Total Cost:** \$1,115,000

**Commitment:** Partner pledge of 55%

**Description:** Contain and reduce the number of ecosystem-displacing weeds to increase the conservation footprint of the park. Funds will also be used for staff, tools, plant propagation supplies, weed control supplies, logistics, and personal protective equipment.

**Centennial Goal:** Stewardship

**Park:** Hawaii Volcanoes National Park  
**Title:** Link Hawaii's National Parks through an Innovative Junior Ranger Program  
**Partner:** Friends of Hawaii Volcanoes National Park and Hawaii Natural History Association  
**Total Cost:** \$100,000  
**Commitment:** Partner pledge of 50%  
**Description:** Develop, field- test, and implement a Junior Ranger Program that connects children to all four Hawaii Island national parks. Funding will be used to print Junior Ranger Adventure Books and to design family- centered environmental education activities that are specific to each park.  
**Centennial Goal:** Education

## IDAHO

**Park:** Hagerman Fossil Beds National Monument  
**Title:** Construct Interpretive Trail and Amphitheater at Carnivore Cove  
**Partner:** Hagerman Fossil Council  
**Total Cost:** \$39,627  
**Commitment:** Partner pledge of 51%  
**Description:** Install a colorized cement walkway and amphitheatre area at the Oregon Trail Overlook. The walkway will pass two picnic areas en route to an education platform with low benches to accommodate up to 30 people.  
**Centennial Goal:** Recreational Experience

## LOUISIANA

**Park:** New Orleans Jazz National Historical Park  
**Title:** Build Indoor and Outdoor Performance Venues for New Orleans Jazz Museum  
**Partner:** State of Louisiana  
**Total Cost:** \$4,480,000  
**Commitment:** Partner pledge of 55%  
**Description:** Construct indoor and outdoor performance venues for New Orleans Jazz Museum.  
**Centennial Goal:** Education

## MAINE

**Park:** Acadia National Park  
**Title:** Engaging Youth: No Child Left Inside Initiative  
**Partner:** Acadia Partners for Science and Learning, Eastern National, and Friends of Acadia  
**Total Cost:** \$362,000  
**Commitment:** Partner pledge of 50%  
**Description:** This program will enable teachers to attend park institutes, recruit qualified interns, and increase the number of schools participating in residential programs. Centennial funds will promote use of interactive media and technology, continue a new Teacher- Ranger- Teacher summer program, establish community Junior Ranger events, and expand work with local colleges and universities.

Centennial Goal: Education

**Park:** Acadia National Park  
**Title:** BioBlitz! Create Environmental Stewardship Through Discovery (National ATBI)  
**Partner:** Acadia Partners for Science and Learning  
**Total Cost:** \$7,000  
**Commitment:** Partner pledge of 50%  
**Description:** BioBlitzes or All- Taxa Biodiversity Inventories (ATBI) engage the public by inviting citizens and scientists to the parks to explore and perform systematic scientific surveys of all living things. The Natural Resource Stewardship and Science program will coordinate this multi- park project, which will engage the public in the excitement of a representative and scientifically credible tool to measure and compare the biodiversity throughout the National Park System.

Centennial Goal: Stewardship

## MARYLAND

**Park:** Assateague Island National Seashore  
**Title:** Develop New Interpretive Tools to Enhance Resource Understanding and Appreciation  
**Partner:** Assateague Mobile Sportfishermen's Association, Assateague Coastal Trust, and Individual Donor  
**Total Cost:** \$130,000  
**Commitment:** Partner pledge of 50%  
**Description:** Redesign and rebuild marine life exhibits for the new Barrier Island Visitor Center, and complete a film about the seashore's wild horses to enhance the public's understanding of and appreciation for the resources and values of the seashore.

Centennial Goal: Education

**Park:** Hampton National Historic Site  
**Title:** Complete Installation of Historically Furnished Interiors  
**Partner:** Historic Hampton, Inc.  
**Total Cost:** \$391,000  
**Commitment:** Partner pledge of 50%  
**Description:** This project continues the historically accurate research and installation of period- modeled rooms in the historic mansion, farm house, slave quarters, and outbuildings. Funding will implement the creation of the drawing room, parlor, bedchambers, and service spaces in the mansion; farm/slave quarters furnishings and exhibits; and material culture exhibits in several outbuildings.

Centennial Goal: Stewardship

**Park:** Monocacy National Battlefield  
**Title:** Create "Crossroads of War: Civil War and the Homefront in the Mid- Atlantic Border Region" Program  
**Partner:** Frederick Community College and Catocin Center for Regional Studies  
**Total Cost:** \$144,000  
**Commitment:** Partner pledge of 50%  
**Description:** In anticipation of the upcoming Civil War Sesquicentennial, Monocacy National Battlefield, Antietam National Battlefield, Harpers Ferry National

Historical Park, and C&O Canal National Historical Park will join with partners and schools in the mid- Maryland region to create a website, a series of public programs, and educational projects to place the local story of the Civil War in a broader regional perspective. This project will use park- specific resources and stories to highlight the era’s complex interweaving of race, politics, sectional division, and conflict.

Centennial Goal: Education

## MASSACHUSETTS

**Park:** Boston National Historical Park  
**Title:** Restore and Rehabilitate Old State House  
**Partner:** Bostonian Society  
**Total Cost:** \$1,409,200  
**Commitment:** Partner pledge of 50%  
**Description:** Complete critically needed restoration of the wooden cupola section of the Old State House; replace the outdated heating, ventilation, and air conditioning system; and provide handicap accessibility to the building.

Centennial Goal: Stewardship

**Park:** Boston Harbor Islands National Recreation Area  
**Title:** Micro- Wilderness Invertebrate Inventory Program (National ATBI)  
**Partner:** Island Alliance  
**Total Cost:** \$100,000  
**Commitment:** Partner pledge of 50%  
**Description:** BioBlitzes or All- Taxa Biodiversity Inventories (ATBI) engage the public by inviting citizens and scientists to the parks to explore and perform systematic scientific surveys of all living things. The Natural Resource Stewardship and Science program will coordinate this multi- park project, which will engage the public in the excitement of a representative and scientifically credible tool to measure and compare the biodiversity throughout the National Park System.

Centennial Goal: Stewardship

**Park:** Longfellow National Historic Site  
**Title:** Expand Community Outreach through Longfellow Festival of Music and Poetry  
**Partner:** Friends of Longfellow House  
**Total Cost:** \$30,000  
**Commitment:** Partner pledge of 50%  
**Description:** Expand a series, from summertime to year- round, of professional poetry readings, concerts, research- based thematic programs, and family activities that provide visitors, gateway communities, residents, and students with more opportunities to learn about the park’s resources.

Centennial Goal: Education

**Park:** Lowell National Historical Park  
**Title:** Spindle City Corps: Developing Youth Conservation Leaders  
**Partner:** Community Teamwork, Inc.  
**Total Cost:** \$50,000  
**Commitment:** Partner pledge of 50%  
**Description:** Create a year- round program that unites diverse young people between the ages of 15 and 21 for a demanding schedule of community service, leadership

training, and stewardship development. Core activities will include program and activity planning, youth leadership training, career development, academic support, environmental stewardship, lessons on how to create a green community, and an alumni program. This will be accomplished through team work, training seminars, field work at Lowell NHP and numerous other national parks in the area, outward bound activities, and more.

Centennial Goal: Stewardship

**Park:** Lowell National Historical Park  
**Title:** Boott Mills Photovoltaic Centennial Project  
**Partner:** Massachusetts Technology Collaborative  
**Total Cost:** \$99,175  
**Commitment:** Partner pledge of 51%  
**Description:** Install an 11.4 KW photovoltaic (solar) system on the roof of the Boott Cotton Mills Museum to provide power for lighting at the Tsongas Center and museum.

Centennial Goal: Stewardship

**Park:** Salem Maritime National Historic Site  
**Title:** "Friendship Centennial Sails" Bringing the NPS Legacy, Maritime History and Celebrations to New Ports  
**Partner:** Essex National Heritage Commission  
**Total Cost:** \$45,000  
**Commitment:** Partner pledge of 67%  
**Description:** The *Friendship of Salem*, a 1797 replica ship, will begin annual sails to new ports of call. The ship will travel to sailing ports from Maine to as far south as the U.S. Virgin Islands and will serve as an educational tool for maritime history.

Centennial Goal: Recreational Experience

**Park:** Salem Maritime National Historic Site  
**Title:** Enhance Wayfinding and NPS Presence  
**Partner:** The City of Salem  
**Total Cost:** \$100,000  
**Commitment:** Partner pledge of 50%  
**Description:** Complete a ready-to-go sign program to direct visitors to the park and to enhance the visibility of the NPS in the city. These waysides have a beautiful, historic quality, similar to the signs that were erected at the park when it was established in 1937 as the first National Historic Site in America.

Centennial Goal: Education

## MICHIGAN

**Park:** Sleeping Bear Dunes National Lakeshore  
**Title:** Illuminate South Manitou Island Lighthouse and Restore the Lantern Room  
**Partner:** Manitou Islands Memorial Society  
**Total Cost:** \$81,000  
**Commitment:** Partner pledge of 50%  
**Description:** Produce and install a replica Fresnel lens in the lantern room of the South Manitou Island Lighthouse. The lens will be illuminated using solar powered L.E.D. lights and replace the clouded, scratched, and cracked Plexiglas panels in

the lantern room. The iron spiral stairway up to the lantern room will also be restored.

Centennial Goal: Stewardship

**Park:** Sleeping Bear Dunes National Lakeshore  
**Title:** Teamwork in Invasive Plant Control within the Dunes and other Environments  
**Partner:** The Nature Conservancy  
**Total Cost:** \$99,946  
**Commitment:** Partner pledge of 50%  
**Description:** This project will aid valuable partnerships that allow for concerted efforts to reduce and eventually eliminate highly invasive weeds. This will be accomplished with a crew comprising Student Temporary Employment Program hires, Student Conservation Association interns, park officials, and volunteers. Funding will also provide training and supplies to carry out this project.

Centennial Goal: Stewardship

## MISSOURI

**Parks:** Jefferson National Expansion Memorial and Ulysses S Grant National Historic Site  
**Title:** ParkPalooza  
**Partner:** Jefferson National Parks Association  
**Total Cost:** \$120,000  
**Commitment:** Partner pledge of 50%  
**Description:** ParkPalooza is a joint project and will feature activity stations on the grounds of the Gateway Arch. These stations will engage families in recreational experiences and educational opportunities in an urban park setting that can encourage visits to other national parks. Funding will allow graphics and informational pieces at the activity stations

Centennial Goal: Recreational Experience

**Park:** Jefferson National Expansion Memorial  
**Title:** Replace and Upgrade Programmable Logic Controller for Arch Trams  
**Partner:** Metro Business Enterprises  
**Total Cost:** \$2,770,743  
**Commitment:** Partner pledge of 60%  
**Description:** Replace the existing Arch Tram System electrical control system to a stand-alone Programmable Logic Controller and upgrade the device to monitor and control the trams.

Centennial Goal: Stewardship

## MONTANA

**Park:** Glacier National Park  
**Title:** Volunteer Stewardship Program- Train, Develop, and Implement Citizen Supported Restoration  
**Partner:** The Glacier National Park Fund  
**Total Cost:** \$40,000  
**Commitment:** Partner pledge of 50%



**Description:** Develop a volunteer- based effort to address a backlog of restoration needs. Six campgrounds will be targeted for vegetation inventories, site assessments, restoration planning, plant materials collection, site restoration, monitoring, and weed control. Present hands- on volunteer training opportunities, provide educational materials, develop a recruiting program to increase volunteer numbers, and create Volunteers- In- Parks awards.

**Centennial Goal:** Stewardship

**Park:** **Glacier National Park**

**Title:** Integrate Ecosystem Management in the Crown of the Continent

**Partner:** Parks Canada- Waterton Lakes NP, Alberta and British Columbia Ministries of Environment, Montana DNRC

**Total Cost:** \$100,000

**Commitment:** Partner pledge of 50%

**Description:** This project will use a multi- agency relationship to build a “metadata” program that will allow agencies and the public to access resource studies in this US- Canadian based ecosystem; convene a workshop to define and then develop measurements for a healthy Crown of the Continent Ecosystem; convene annual stakeholder seminars designed to focus on transborder and international issues such as bear management and water allocation; and maintain a “Crown of the Continent Managers Partnership” website. One important benefit of this project will be improved public and agency understanding of how the park seeks to resolve issues beyond its borders.

**Centennial Goal:** Environmental Leadership

**Park:** **Glacier National Park**

**Title:** Celebrate Glacier’s Centennial

**Partner:** The Glacier National Park Fund

**Total Cost:** \$350,000

**Commitment:** Partner pledge of 50%

**Description:** Create a traveling exhibit that that will use new technology and media to tell the history of the park focusing on resource stewardship activities over the last 100 years. Publish an ethnographic history of the park aimed at a general audience. Create a public symposium to showcase current research on Glacier’s cultural resources, history, and Native American associations to the park.

**Centennial Goal:** Education

## **NEVADA**

**Park:** **Lake Mead National Recreation Area**

**Title:** Create “Inside Lake Mead” Podcasts

**Partner:** Outside Las Vegas Foundation

**Total Cost:** \$30,000

**Commitment:** Partner pledge of 50%

**Description:** “Inside Lake Mead” podcasts will be created to highlight recreational, educational, and informational aspects of Lake Mead. This information will educate and inspire the public to visit and enjoy Lake Mead safely.

**Centennial Goal:** Education

**Park:** Lake Mead National Recreation Area  
**Title:** Enhance Floating Classroom and Create Internet Linkages with Schools  
**Partner:** Outside Las Vegas Foundation  
**Total Cost:** \$30,000  
**Commitment:** Partner pledge of 50%  
**Description:** The *Forever Earth* vessel is a 70- foot houseboat that serves as an environmental science laboratory and hands- on learning center on Lake Mead. This project will upgrade water sampling and scientific equipment for the *Forever Earth* vessel and will improve technological linkages with local students.  
**Centennial Goal:** Education

## NEW JERSEY

**Park:** Morristown National Historical Park  
**Title:** Create Safe Visitor Access between Jockey Hollow Visitor Center and Wick Farm  
**Partner:** Private Donor  
**Total Cost:** \$90,000  
**Commitment:** Partner pledge of 50%  
**Description:** Inventory, assess condition, redesign, and construct a walkway connecting the Jockey Hollow Visitor Center and Wick House. The pathway will consist of coarse aggregate and binder material. Underground steel edging will be installed along the edges of the pathway and erosion control structures will be placed where needed along the pathway to divert water away from the trail bed.  
**Centennial Goal:** Stewardship

## NEW MEXICO

**Park:** Bandelier National Monument  
**Title:** Identify Non- Traditional Park Visitor Needs  
**Partner:** Friends of Bandelier  
**Total Cost:** \$25,000  
**Commitment:** Partner pledge of 50%  
**Description:** Hire an evaluation consultant to organize and host eight to 10 non- traditional park visitor focus groups in rural and urban areas in northern New Mexico in 2008. Create an action plan to reach these non- traditional audiences.  
**Centennial Goal:** Professional Excellence

**Park:** Bandelier National Monument  
**Title:** Model Sustainability  
**Partner:** Friends of Bandelier  
**Total Cost:** \$55,000  
**Commitment:** Partner pledge of 50%  
**Description:** Develop and implement a plan to improve operational efficiency and environmental sustainability. Bandelier National Monument will define its carbon footprint, improve the efficiency of electrical and water systems, purchase a hybrid vehicle to replace another vehicle, and install campground solar panels. Funding will also develop educational materials and media to showcase these efforts and to encourage public participation.  
**Centennial Goal:** Environmental Leadership

## NEW YORK

**Park:** Fire Island National Seashore  
**Title:** Create and Install Wayside Exhibits with Park Partners/Communities  
**Partner:** Friends of Watch Hill and Fire Island Pines  
**Total Cost:** \$21,000  
**Commitment:** Partner pledge of 50%  
**Description:** Wayside exhibits will be designed and installed in the Kismet, Fire Island Pines, and Watch Hill community centers.  
**Centennial Goal:** Education

**Park:** Fort Stanwix National Monument  
**Title:** Connect the Park Stories and Sites  
**Partner:** City of Rome, New York  
**Total Cost:** \$450,000  
**Commitment:** Partner pledge of 50%  
**Description:** This project builds connections to neighboring sites with shared heritage by using diverse media including printed materials, directional signs, wayside exhibits, a podcast, cell phone tour, website virtual tour, and a system of connecting trails to capitalize on alternative modes of transportation that promote healthy lifestyles.  
**Centennial Goal:** Education

**Park:** National Parks of New York Harbor  
**Title:** Use New Technology to Develop Self- Guided Tours  
**Partner:** National Parks of New York Harbor Conservancy  
**Total Cost:** \$1,200,000  
**Commitment:** Partner pledge of 50%  
**Description:** Develop audio tours and free internet based tours using exciting media and technology to introduce young people to parks; topics include George Washington's New York, Immigration Trail, and nurturing New York's nature.  
**Centennial Goal:** Stewardship

**Park:** Women's Rights National Historical Park  
**Title:** Develop Educational Traveling Trunk  
**Partner:** Friends of Women's Rights National Historical Park  
**Total Cost:** \$9,300  
**Commitment:** Partner pledge of 52%  
**Description:** Develop educational traveling trunks and make available to schools and other groups as an orientation and educational tool on the First Women's Rights Convention held in Seneca Falls in 1848.  
**Centennial Goal:** Education

## NORTH CAROLINA

**Park:** Cape Hatteras National Seashore  
**Title:** Expand Volunteer Program to Care for Pony Population  
**Partner:** Cape Hatteras Pony Pen and Public Donations  
**Total Cost:** \$25,000  
**Commitment:** Partner pledge of 50%

Description: Expand through partnerships, the ability of the park to care for and maintain wild pony populations in the park. A temporary animal caretaker will be hired to develop a community- based volunteer program.

Centennial Goal: Recreational Experience

## NORTH DAKOTA

**Park:** Theodore Roosevelt National Park  
**Title:** Enhance Resource Conditions and Interpretation at the Elkhorn Ranch Unit  
**Partner:** Friends of Elkhorn Ranch  
**Total Cost:** \$50,000  
**Commitment:** Partner pledge of 50%  
**Description:** Repair nine miles of barbed wire fences, replace three entry gates, eradicate noxious weeds, better define the trails to Roosevelt's Elkhorn Ranch House site, produce a new brochure about the Elkhorn Ranch, enhance exhibits, produce podcasts, and interpret the site.

Centennial Goal: Stewardship

**Park:** Theodore Roosevelt National Park  
**Title:** Digitize, Catalog and Disseminate Theodore Roosevelt Collections  
**Partner:** Dickinson State University  
**Total Cost:** \$100,000  
**Commitment:** Partner pledge of 50%  
**Description:** Digitize the collections at the Theodore Roosevelt National Park Library, and combine the data with that from other institutions, including the Library of Congress, to provide opportunities to interpret the Roosevelt legacy for current and future visitors to Roosevelt's North Dakota home.

Centennial Goal: Education

## OHIO

**Park:** Cuyahoga Valley National Park  
**Title:** Improve and Expand Programs for Youth and Urban Audience Engagement  
**Partner:** Cuyahoga Valley National Park Association  
**Total Cost:** \$341,700  
**Commitment:** Partner pledge of 50%  
**Description:** Provide 14,370 youth, many from urban and low- income communities, with education and recreation experiences through the use of the Cuyahoga Valley Environmental Education Center and *Get Up, Get Out & Go!* operated by Cuyahoga Valley National Park Association in cooperation with the NPS. This effort will enhance the center's curriculum, technology, and capacity to provide programming to low- income children and introduce new programs designed specifically to meet the needs of urban youth. *Get Up, Get Out & Go!* is a summer series of interpretive and outdoor recreation programs for underserved youth in communities linked to the park through regional trail connections. This project will allow the program to continue in Akron and expand to a second, Cleveland area community.

Centennial Goal: Education

## OREGON

**Park:** Lewis and Clark National Historical Park (Oregon and Washington)  
**Title:** Adopting the Class of 2016: “Students to Stewards”  
**Partner:** Lewis and Clark National Historical Park Association  
**Total Cost:** \$60,000  
**Commitment:** Partner pledge of 50%  
**Description:** “Students to Stewards” will adopt local students from the Class of 2016 and lay the groundwork to adopt future classes. Almost 500 fourth- grade students of diverse backgrounds will visit the park annually to build understanding and stewardship through learning.  
**Centennial Goal:** Education

## PENNSYLVANIA

**Park:** Valley Forge National Historical Park  
**Title:** Expand Once Upon a Nation Education and Interpretive Programming  
**Partner:** Once Upon a Nation  
**Total Cost:** \$75,000  
**Commitment:** Partner pledge of 50%  
**Description:** This project will expand park interpretive programming through storytelling, increased opportunities for after hours tours, and adding additional trolley tours.  
**Centennial Goal:** Education

**Park:** Valley Forge National Historical Park  
**Title:** Create New Connector Trail at George Washington’s Headquarters Site  
**Partner:** The Friends of Valley Forge National Historical Park  
**Total Cost:** \$100,000  
**Commitment:** Partner pledge of 50%  
**Description:** Construction of a paved trail that links the newly renovated George Washington’s Headquarters area with the Valley Creek Trail and Joseph Plum Martin multi- use trail. This project will protect natural and cultural resources, improve safety for visitors and staff, disperse visitor use, and increase connectivity with surrounding trail systems.  
**Centennial Goal:** Recreational Experience

**Park:** Valley Forge National Historical Park  
**Title:** Create New Multimedia Show for George Washington’s Headquarters Site  
**Partner:** The Friends of Valley Forge National Historical Park  
**Total Cost:** \$200,000  
**Commitment:** Partner pledge of 50%  
**Description:** Develop a multimedia production for the Valley Forge train station located at George Washington’s Headquarters at the park. The train station is currently being rehabilitated into a visitor contact station and is scheduled for completion in fiscal year 2008. This production will be the orientation at the headquarters area of the park and will be viewed by an estimated 500,000 visitors annually.  
**Centennial Goal:** Education

## **SOUTH CAROLINA**

**Park:** Congaree National Park  
**Title:** Provide Interpretive / Research Boat  
**Partner:** Friends of Congaree Swamp  
**Total Cost:** \$22,000  
**Commitment:** Partner pledge of 50%  
**Description:** The park will acquire a pontoon- style boat to serve as a new education platform to provide a resource immersive experience for park visitors and school groups. The pontoon boat will also provide necessary transportation for materials and staff needed for park resource management and maintenance projects.  
**Centennial Goal:** Recreational Experience

## **TENNESSEE**

**Park:** Andrew Johnson National Historic Site  
**Title:** The Road to the White House: Interpretive and Educational Events  
**Partner:** Greene County Partnership  
**Total Cost:** \$200,000  
**Commitment:** Partner pledge of 50%  
**Description:** A region- wide celebration of Andrew Johnson's 200th birthday with events to include: an "I Signed the Constitution" week, a walk in downtown Greeneville with emphasis on the common man, and a Laying of the Presidential Wreath by the 278th Tennessee Army National Guard on December 29, 2008 and a cemetery luminary service held in the Andrew Johnson National Military Cemetery. In addition the park will create a curriculum- based educational program, develop an educational activity guide, and redesign the park's Junior Ranger program booklet.  
**Centennial Goal:** Education

**Park:** Great Smoky Mountains National Park (Tennessee and North Carolina)  
**Title:** A Downloadable Park  
**Partner:** Great Smoky Mountains Association  
**Total Cost:** \$40,000  
**Commitment:** Partner pledge of 50%  
**Description:** Produce a series of educational podcasts to enhance park visitors' experiences, increase safety, and further public understanding of resource issues facing the park. Podcasts will be available on the park's website and other public servers for the public to download free of charge.  
**Centennial Goal:** Education

**Park:** Great Smoky Mountains National Park (Tennessee and North Carolina)  
**Title:** Showcase Cultural Heritage of the Smokies  
**Partner:** Friends of Great Smoky Mountains National Park  
**Total Cost:** \$100,000  
**Commitment:** Partner pledge of 50%  
**Description:** Plan, design, and install new exhibits for a 2,000- square- foot museum space that is part of a new visitor center complex in the Oconaluftee area. The focus of

the exhibits will be on the human history of the Smoky Mountains from prehistoric times until the park's development.

Centennial Goal: Education

**Park:** Great Smoky Mountains National Park (Tennessee and North Carolina)  
**Title:** Restore, Preserve and Interpret the Elkmont Historic District  
**Partner:** Friends of the Smokies and Great Smoky Mountains Association  
**Total Cost:** \$200,000  
**Commitment:** Partner pledge of 50%  
**Description:** Develop and begin to restore, preserve, and interpret the park's Elkmont Historic District, which was occupied by lessees until the 1990s and was not accessible to the public. Project will restore and preserve structures that will be managed for day- use. The Appalachian Clubhouse will host large public assemblies and the Spence Cabin will be available as a site for smaller meetings and retreats. Other structures will be restored on the exterior to provide a setting to interpret the history from its roots in the commercial logging period to its life as a resort community, and its role as a site where early national park proponents met to organize the park movement.

Centennial Goal: Stewardship

## TEXAS

**Park:** Big Thicket National Preserve  
**Title:** BioBlitz! Create Environmental Stewardship through Discovery (National ATBI)  
**Partner:** Big Thicket Association  
**Total Cost:** \$150,000  
**Commitment:** Partner pledge of 50%  
**Description:** BioBlitzes or All- Taxa Biodiversity Inventories (ATBI) engage the public by inviting citizens and scientists to the parks to explore and perform systematic scientific surveys of all living things. The Natural Resource Stewardship and Science program will coordinate this multi- park project, which will engage the public in the excitement of a representative and scientifically credible tool to measure and compare the biodiversity throughout the National Park System.

Centennial Goal: Stewardship

**Park:** Padre Island National Seashore  
**Title:** Restore the Endangered Kemp's Ridley Sea Turtle for the 21<sup>st</sup> Century  
**Partner:** Texas Parks and Wildlife, Unilever, National Fish & Wildlife Foundation, Shell Marine Habitat Program  
**Total Cost:** \$222,980  
**Commitment:** Partner pledge of 55%  
**Description:** Detect and protect endangered Kemp's ridley sea turtles and their nests. This project will result in the protection of over 100 nests and the release of thousands of hatchlings at Padre Island National Seashore each year by improving patrols to locate and protect nesting turtles and nests by utilizing over 100 volunteers, twelve new seasonal hires, and an extensive public outreach program to inform visitors of current issues and regulations.

Centennial Goal: Stewardship

**Park:** San Antonio Missions National Historical Park  
**Title:** Construct Missions to River Trail  
**Partner:** Los Compadres de San Antonio Missions National Historical Park  
**Total Cost:** \$97,399  
**Commitment:** Partner pledge of 50%  
**Description:** Provide visitors with a deeper understanding of the irrigation and agricultural system in place during Spanish Colonial times through strategically placed waysides and construction of a concrete walk way. This walk way will also rehabilitate a portion of the desagüe (drainage channel) for the original San José Acequia, increase safety through signage on San José Drive and provide easier access.  
**Centennial Goal:** Recreational Experience

## UTAH

**Park:** Cedar Breaks National Monument  
**Title:** Engage Youth as “Partners in the Parks”  
**Partner:** Southern Utah University  
**Total Cost:** \$152,425  
**Commitment:** Partner pledge of 54%  
**Description:** Develop an educational program, including policies, procedures, and best practices with the National Collegiate Honors Council (NCHC) for a “Partners in the Parks” program. This project will explore and develop an educational process and manual of best practices that can be applied nationwide to engage college level honors students and faculty in three key areas: (1) understanding the value of stewardship of natural and cultural resources to society as a whole (2) introducing outdoor experiential education to a diverse audience of honors students within a university learning environment (3) providing real life challenging service project work to honors students that directly benefit one or more national parks located near their campus.  
**Centennial Goal:** Stewardship

**Park:** Zion National Park  
**Title:** Celebrate Zion National Park Centennial with Artist- in- Residence Program  
**Partner:** Zion Natural History Association  
**Total Cost:** \$150,000  
**Commitment:** Partner pledge of 50%  
**Description:** Establish an Artist- in- Residence program, which will provide materials for interpretive and educational programs. The program will accomplish the following: an international art competition and exhibition, an online interpretive museum exhibit, a comprehensive history of the park, a photography contest and exhibition, a lecture series, and the rededication of the park’s first museum for adaptive use as the home of the Artist- in- Residence program.  
**Centennial Goal:** Education

## VERMONT

**Park:** Marsh- Billings- Rockefeller National Historical Park  
**Title:** NPS Centennial Fellowship for Educators



Partner: New Hampshire Charitable Foundation  
Total Cost: \$50,000  
Commitment: Partner pledge of 50%  
Description: Offer educators from communities adjacent to the park and its interpreters the opportunity to participate in an intensive professional development experience to develop customized curriculum that advances park stewardship and reflects core NPS values. Educators and park interpreters who participate in the training will become part of a Fellows network and receive on- going access to educational resources, training, and an active network of peers and community resource liaisons to continue to support and advance their work. In exchange, they will serve as teacher- leaders to other educators—inspiring and providing support to their peers. This program will provide training and support to approximately 75 teacher- leaders in the development of curriculum and implementation of service learning projects.

Centennial Goal: Professional Excellence

**Park:** Marsh- Billings- Rockefeller National Historical Park  
**Title:** Rehabilitate Historic Mount Tom Forest as a Model of Sustainable Forest Management  
**Partner:** The Woodstock Foundation  
**Total Cost:** \$180,000  
**Commitment:** Partner pledge of 50%  
**Description:** Rehabilitate eight of the park's 25 historic plantations that exemplify the evolution of forest stewardship. Resource management projects will demonstrate the best practices in sustainable forest management and involve citizens of all ages in the stewardship of park resources. Associated educational programs will be crafted to create opportunities for park visitors, private forest landowners, and youth to explore practices that relate to their everyday lives and the stewardship of public and private forest lands. For example, local teachers will craft curricula that will provide opportunities for youth to explore concepts of public lands stewardship and become active participants in the care of the park's historic forest and natural resources.

Centennial Goal: Stewardship

**Park:** Marsh- Billings- Rockefeller National Historical Park  
**Title:** Develop the Next Generation of NPS Leaders, a National Multi- Park Program  
**Partner:** National Parks Conservation Association  
**Total Cost:** \$200,000  
**Commitment:** Partner pledge of 50%  
**Description:** Develop the NPS's capacity to lead change and meet leadership opportunities and challenges associated with increasingly complex park management. Create a Roundtable Developmental Program to train emerging NPS leaders through a two- year leadership curriculum and mentoring by the network of Leadership Roundtable superintendents. Develop a Transition Coaching for First- Time Superintendents, a one- year immersion program for first- time superintendents, which will provide professional coaching to guide them in their new leadership role and assist them in assessing the current park context.

Centennial Goal: Professional Excellence

## VIRGINIA

**Park:** Fredericksburg and Spotsylvania County Battlefields Memorial National Military Park  
**Title:** Create Virtual Interactive Map of Fredericksburg Battlefield  
**Partner:** Public Donations  
**Total Cost:** \$80,000  
**Commitment:** Partner pledge of 50%  
**Description:** Commission a digital, dimensional piece of art representing the Fredericksburg Battlefield for adaptive use in a variety of media and research products. This product will be the basis for an interactive "battle map" program within the visitor center; it will also be used as an electronic component of an outdoor exhibit; and will be available online as an interpretive and research tool.

Centennial Goal: Education

**Park:** Fredericksburg and Spotsylvania County Battlefields Memorial National Military Park  
**Title:** Restore and Interpret First Floor Interior of Historic Ellwood Manor  
**Partner:** Friends of Wilderness Battlefield, Inc.  
**Total Cost:** \$497,000  
**Commitment:** Partner pledge of 52%  
**Description:** Provide safe public access and restore the first floor of Ellwood, the only surviving structure on the Wilderness Battlefield. Work will include physical restoration of the building's decaying interior, insulation of the historic building, and development of visitor orientation and interpretation facilities.

Centennial Goal: Stewardship

**Park:** George Washington Memorial Parkway and Chesapeake and Ohio Canal National Historical Park (Virginia, Maryland, District of Columbia)  
**Title:** Expand Interpretation through New Technology  
**Partner:** American Recreation Coalition and Eastern National  
**Commitment:** Partner pledge of 50%  
**Total Cost:** \$45,000  
**Description:** Produce 12 multilingual podcasts and obtain the hardware/software and training for staff to develop future podcasts.

Centennial Goal: Education

**Park:** Manassas National Battlefield Park  
**Title:** Design and Install Interpretive Resources at Brawner Farm  
**Partner:** Eastern National  
**Total Cost:** \$144,000  
**Commitment:** Partner pledge of 50%  
**Description:** Design and fabricate interpretive exhibits to include an electronic, interactive battle map, exhibit panels, artifact displays, a small audio-visual theater for interpretive films and lectures, and furnishings for operational needs. The project will also redesign the Brawner Loop interpretive trail with additional waysides.

Centennial Goal: Education

## WASHINGTON

**Park:** Mount Rainier National Park  
**Title:** Preserve Backcountry Hiking Shelter  
**Partner:** Mount Rainier National Park Associates  
**Total Cost:** \$10,000  
**Commitment:** Partner pledge of 50%  
**Description:** This project will divert water away from the backcountry shelter to prevent further damage to the historic structure from snowmelt and rain run off. Located in the Mount Rainier National Historic Landmark District, the backcountry shelter was built in 1940 and is a contributing feature to the park's cultural landscape.

Centennial Goal: Stewardship

**Park:** Mount Rainier National Park  
**Title:** Install Solar Array at Ohanapecosh Maintenance/Ranger Building  
**Partner:** Washington's National Park Fund  
**Total Cost:** \$100,000  
**Commitment:** Partner pledge of 50%  
**Description:** Construct a ten kilowatt grid- connected solar array on the roof of the Ohanapecosh Maintenance/Ranger Building. The solar array will offset rising electrical costs by using one of the better solar sites in the park to generate electricity. The array will tie into the commercial grid and feed the grid when building loads are less than the solar power available. This program will provide an example of environmental stewardship for others.

Centennial Goal: Environmental Leadership

**Park:** North Cascades National Park  
**Title:** Install Weather Stations to Understand High Elevation Climate Conditions  
**Partner:** Puget Sound Energy  
**Total Cost:** \$20,000  
**Commitment:** Partner pledge of 50%  
**Description:** Install basic weather stations at two sites above 7,000 feet to measure temperature, snow depth, wind speed and direction, solar radiation, and humidity. The data will be collected and archived for analysis and made available to other natural resource managers in the state and region.

Centennial Goal: Stewardship

**Park:** North Cascades National Park  
**Title:** Create New Junior Ranger Program  
**Partner:** Washington's National Park Fund  
**Total Cost:** \$23,000  
**Commitment:** Partner pledge of 50%  
**Description:** Create a new Junior Ranger Program for the North Cascades National Park Service Complex by developing and producing a new series of activity booklets. A seasonal interpretive park ranger will be hired to complete the project.

Centennial Goal: Education

**Park:** North Cascades National Park  
**Title:** Welcome Diverse Communities to the North Cascades  
**Partner:** North Cascades Institute

Total Cost: \$100,000  
 Commitment: Partner pledge of 50%  
 Description: Introduce members of the park's diverse gateway communities to the outdoors and the National Park System through targeted outreach and specialized programming at the North Cascades Environmental Learning Center. Approximately 10 classes from schools in low- income areas will participate in a Mountain School program, five special summer programs will be offered at the North Cascades Environmental Learning Center, and 50 classes will receive a follow- up Mountain School visit. Educational brochures, trip planning information, web- based resources, and promotional materials will also be developed for these groups.

Centennial Goal: Education

**Park:** Olympic National Park  
**Title:** Develop Comprehensive Elwha Dam Removal and Restoration Education Program  
**Partner:** Washington's National Park Fund  
**Total Cost:** \$110,000  
**Commitment:** Partner pledge of 50%  
**Description:** Expand education programs about Elwha Dam removal and restoration issues to a broad number of audiences including on- site visitors, visitors to the park website, students, and neighboring Native American and Latino communities. Specific initiatives include developing a "Restore the Elwha" site bulletin and park- based exhibits, providing on- site interpretive programs, expanding Junior Ranger, regional outreach, and curriculum- based education programs. Web- based programs, including interpretive podcasts will help reach visitors from around the world.

Centennial Goal: Education

## WEST VIRGINIA

**Park:** Appalachian National Scenic Trail  
 (also ME, NH, VT, MA, CT, NY, NJ, PA, MD, VA, TN, NC, GA)  
**Title:** Implement an Appalachian Trail Environmental MEGA- Transect Program  
**Partner:** Appalachian Trail Conservancy and North Carolina State University  
**Total Cost:** \$238,000  
**Commitment:** Partner pledge of 50%  
**Description:** This project will hire a coordinator to implement programs that monitor air, water, and biological resources along the trail, and provide data management and GIS support. The coordinator will develop projects and programs to encourage volunteer participation, community engagement, and education initiatives. The coordinator will also play a leadership role in preparing reports, publications, and other materials highlighting the condition of key resources of the trail including air and water quality, climate, vegetation, rare, threatened, and endangered species, and landscape dynamics in order to tell the story of the health of the environment of the Appalachian Mountains to policy and decision- makers, land managers, visitors, and the public.

Centennial Goal: Stewardship

## WISCONSIN

**Park:** Saint Croix National Scenic Riverway (Wisconsin and Minnesota)  
**Title:** Protect Water Quality of the Saint Croix National Scenic Riverway  
**Partner:** State of Wisconsin  
**Total Cost:** \$400,000  
**Commitment:** Partner pledge of 50%  
**Description:** Produce a computer model to predict nutrient and sediment loading in the Saint Croix River Basin and train water resource professionals throughout the basin to apply the model at local, county, and sub- watershed levels. This work will help realize the goal of reducing phosphorous and nutrient loading in the Saint Croix National Scenic Riverway by 20% by 2020.  
**Centennial Goal:** Stewardship

## WYOMING

**Park:** Yellowstone National Park (Wyoming, Montana, Idaho)  
**Title:** Inspiring Future Yellowstone Stewards: A No Child Left Inside Initiative  
**Partner:** Yellowstone Park Foundation  
**Total Cost:** \$160,460  
**Commitment:** Partner pledge of 50%  
**Description:** Enhance formal education program through a “No Child Left Inside” initiative. This project includes: day programs for visiting school groups, regional outreach programs, Junior Ranger programs, community/park based workshops, and summer camps. Designated ranger- teachers will provide curriculum- based instruction to school groups of K- 12 students and their accompanying teachers and chaperones. Rangers will also provide residential (multi- day, overnight) programs for teachers through workshops and tribal youth and elders through a cross- cultural exchange program. Seasonal interpretive rangers at Old Faithful and Canyon Districts will serve as youth program leaders to strengthen Junior Ranger, Young Scientist, and other children’s programs.  
**Centennial Goal:** Education

**Park:** Yellowstone National Park (Wyoming, Montana, Idaho)  
**Title:** Preserve Yellowstone's Stories for the Future - Catalog & Conserve Collections  
**Partner:** Yellowstone Park Foundation  
**Total Cost:** \$240,000  
**Commitment:** Partner pledge of 67%  
**Description:** Temporary museum technicians will catalog, re- house, preserve, and/or develop finding aids for more than 40,000 historic objects (postcards, photographs, films, oral histories, furniture, natural history specimens, and historic vehicles). Contracted conservators will treat objects according to prioritized treatment plan based on Collection Condition Surveys.  
**Centennial Goal:** Stewardship

**Park:** Yellowstone National Park (Wyoming, Montana, Idaho)  
**Title:** Connecting Science to Visitors and Scientists to Parks: Greater Yellowstone Science Learning Center  
**Partner:** Yellowstone Park Foundation  
**Total Cost:** \$265,000  
**Commitment:** Partner pledge of 56%  
**Description:** Yellowstone National Park, Grand Teton National Park, Bighorn Canyon National Recreation Area, Rocky Mountains Cooperative Ecosystems Studies Unit, and the Greater Yellowstone Inventory and Monitoring Network are collaborating with universities to develop a prototype for the Greater Yellowstone Science Learning Center. The funds will support the creation of in- depth information products for 35 high- priority resource topics. The funds will be used to develop new communication tools, build stronger collaborations with university partners, and engage and inspire citizens. New communication tools include real- time camera displays, interaction with data, and podcasts from scientists. Improved collaboration includes orientation courses, resource internships for students, competitive grants, downloadable data, improved lab facilities, and a sabbatical in the parks program for one researcher each year.  
**Centennial Goal:** Stewardship

**Park:** Yellowstone National Park (Wyoming, Montana, Idaho)  
**Title:** Yellowstone All Taxa Biodiversity Inventory (National ATBI)  
**Partner:** Yellowstone Park Foundation  
**Total Cost:** \$918,000  
**Commitment:** Partner pledge of 50%  
**Description:** BioBlitzes or All- Taxa Biodiversity Inventories (ATBI) engage the public by inviting citizens and scientists to the parks to explore and perform systematic scientific surveys of all living things. The Natural Resource Stewardship and Science program will coordinate this multi- park project, which will engage the public in the excitement of a representative and scientifically credible tool to measure and compare the biodiversity throughout the National Park System.  
**Centennial Goal:** Stewardship

## NATIONAL

### All- Taxa Biologic Inventory Program (National ATBI) (nine parks)

Acadia National Park (ME)  
 Big Thicket National Preserve (TX)  
 Boston Harbor Islands  
     National Recreation Area (MA)  
 Channel Islands National Park (CA)  
 Death Valley National Park (CA, NV)  
 Point Reyes National Seashore (CA)  
 Santa Monica Mountains  
     National Recreation Area (CA)  
 Yosemite National Park (CA)  
 Yellowstone National Park (WY, MT, ID)